

Teacher Training

Interested educators can receive a free copy of Closing the Loop, Earth Resources-A Case Study: Oil, or the Municipal Solid Waste module by attending free teacher training workshops provided throughout the state by the Board. These workshops may be part of a school's teacher in-service program or the district's professional development training, as well as part of a pre-service program for students working towards their teaching credential. Provided at no cost to the district or the teachers, these workshops can vary in length and content to meet the needs of the participants. Workshops are also conducted at local environmental events such as fairs and major education association conferences.

School Education and Assistance Program Web Site

For information on all of these programs, as well as other topics of interest to teachers, visit our Web site at www.ciwmb.ca.gov/Schools/. The site includes:

- * Information on the resources discussed in this brochure.
- * A calendar of workshops.
- * Who to contact at the Board for more information.
- * Sample lessons and other helpful publications.
- * Information on funding sources.
- * Links to other environmental education Web sites.

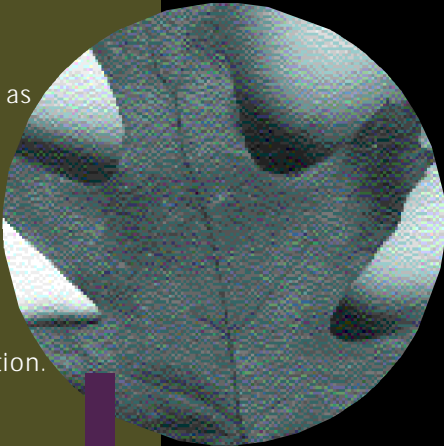
School District Waste Prevention and Recycling Programs

Starting a recycling program in your school district is possible! There are many fine examples of successful waste prevention, composting, buying recycled and recycling programs in schools throughout the state. From rural programs that collect cafeteria waste for vermicomposting to urban districts that take advantage of cooperative recycled product purchasing opportunities, numerous districts have developed active, successful programs that reduce waste and save money! For more information on school waste diversion grants, case studies and assistance, call the Office of Local Assistance at [916] 255-2555.

Whom to Contact

To receive a copy of materials or to arrange for a workshop on any of the curricula, please call us at [916] 255-2385. For information about school waste diversion, call [916] 255-2555

Waste Management Resources



GRAY DAVIS
governor

WINSTON H. HICKOX
secretary, california environmental protection agency

INTEGRATED WASTE MANAGEMENT BOARD

DAN EATON
chairman

STEVEN R. JONES
member

LINDA MOULTON-PATTERSON
member

DANIEL G. PENNINGTON
member

DAVID A. ROBERTI
member

RALPH E. CHANDLER
executive director



for educators

Did You Know...

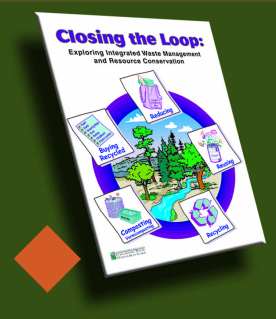
The California Integrated Waste Management Board is your resource for waste prevention and recycling materials. The Board offers curriculum materials and program assistance in the areas of waste prevention, recycling, composting, and vermicomposting (worm composting). Resources available include:

- * Closing the Loop (K-6 curriculum)
- * Earth Resources-A Case Study: Oil (7-12 curriculum)
- * Municipal Solid Waste (7-12 curriculum module)
- * Environmental Education Compendium for Integrated Waste Management and Used Oil
- * Worms, Worms, and Even More Worms (K-6 curriculum)
- * Web site on school education and assistance
- * Teacher workshops
- * School district waste prevention and recycling programs

Closing the Loop

Closing the Loop: Exploring Integrated Waste Management and Resource Conservation is a K-6th grade curriculum that addresses current waste management issues and encourages students to explore their natural environment through personal and community action projects. Closing the Loop is aligned with California’s Content Standards and Frameworks. In addition, this nationally acclaimed curriculum is an excellent resource for educators and includes hands-on activities for the students. Closing the Loop is an interdisciplinary and action-oriented curriculum for teachers to incorporate waste prevention, recycling, and composting into the classroom.

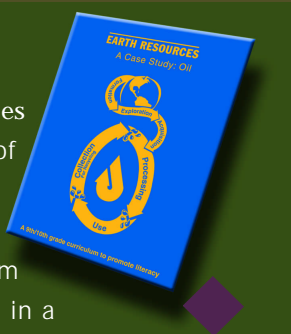
Teachers participating in a Closing the Loop workshop will receive a complimentary copy of the curriculum. Free workshops with hands-on activities are offered in your area.



Earth Resources-A Case Study: Oil

Earth Resources is a 7-12th grade curriculum which features over 18 engaging lessons enabling students to learn about the lifecycle of a natural resource (using oil as a case study), how it is formed, discovered, extracted, processed, used, collected, and recycled. Through hands-on laboratory investigations, students identify environmental impacts of using a natural resource and the positive actions they can take to protect the environment. They will explore the science concepts behind the decisions they will need to make and some of the consequences of these decisions.

Each teacher participating in an Earth Resources workshop will receive a complimentary copy of the curriculum and a resource kit containing videos, posters, and a variety of lab materials and strategies to effectively use the curriculum and maximize its impact. If you are interested in a free workshop in your area please call us at [916] 255-2362.



Municipal Solid Waste

The Municipal Solid Waste module, provided in partnership with Project Learning Tree and the California Department of Forestry, is designed for educators teaching grades 7-12. This module helps the educator teach about our current solid waste dilemma and helps students realize that they can create a positive change in their community and environment. Through interesting hands-on activities, students will have the opportunity to learn by using critical thinking and decision making skills.

Each teacher participating in a Municipal Solid Waste module workshop will receive a complimentary copy of the curriculum. Free hands-on workshops are offered in your area.

Environmental Education Compendium for Integrated Waste Management and Used Oil

This compendium is an easy-to-use resource guide that assists educators in identifying and selecting quality K-12 instructional materials in the area of integrated waste management and used oil. Curricula gathered nationwide were evaluated by 24 educators for quality, content, and alignment with California’s Content Standards and Frameworks. Results of this process are published in this compendium, which is one of a series of six compendia on a variety of environmental themes published in partnership with the California Department of Education.

Worms, Worms, and Even More Worms: A Vermicomposting Guide for Teachers

Vermicomposting is the practice of using worms to transform food waste into a nutrient-rich finished product called vermicompost. In a school setting, vermicomposting can set the stage for a variety of interdisciplinary activities using school cafeteria waste for the worm bin, conducting experiments while maintaining the bin in the classroom, and using the finished product in the school garden. Many of these ideas are contained in the teacher’s guide Worms, Worms and Even More Worms. This guide is designed to help the reader get a vermicomposting system started and provides references for curriculum materials.

